



ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION

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R. Bruce Scott
Commissioner

Sandra L. Gruzesky
Director

November 5, 2012

Re: Sampling Requirements for Coal Individual KPDES Permits Applications

Dear Applicant:

This letter is being sent to you to provide notice of recent changes made to the information required for submittal of coal related individual KPDES permit applications. It supersedes all prior letters regarding instream and effluent monitoring requirements related to the submission of an application for an individual Kentucky Pollutant Discharge Elimination System (KPDES) permit for coal mining and processing activities. **The most significant changes include the reduction of the number of effluent samples from 5 to 1 per outfall required for conducting a Reasonable Potential Analysis (RPA) on the submitted data.** The revised requirements for effluent sampling and instream monitoring are detailed in the following discussion.

Effluent Sampling Requirements

KPDES application Form C requires one sample of effluent to be collected for each outfall that discharges to waters of the Commonwealth. If the applicant has two or more outfalls with substantially identical effluents, the Director of the Division of Water (DOW) may allow the applicant to sample only one outfall, and report the data as applying to the substantially identical outfalls.


These samples shall be collected and analyzed in accordance with EPA approved methods specified in 40 CFR 136. Analysis shall be performed by laboratories capable of meeting the DOW required reporting levels for those pollutants that are required by Form C.

Instream Monitoring Requirements

The applicant shall complete and submit a Quality Assurance Project Plan (QAPP) form and required documents for review and acceptance by DOW prior to the initiation of sampling. A copy of the QAPP form can be downloaded from the DEP forms library at <http://dep.ky.gov/formslibrary/Pages/default.aspx>. Upon receipt of DOW's acceptance letter, the applicant may conduct the required stream biological assessment study. Note that only one sample of the physical/chemical parameters are required in conjunction with the collection of biology. The data collected shall be submitted with the completed KPDES Forms 1 and C.

If you have any questions regarding this matter please contact Chris Hart at (502) 564-3410 or by e-mail at chris.hart@ky.gov.

Sincerely,


Sandra L. Gruzesky, Director
Division of Water

SLG:dow